PDT Solutions

To EXIST or not to EXIST ...

WG10 Data Architecture Workshop
Palm Springs CA, September 1999

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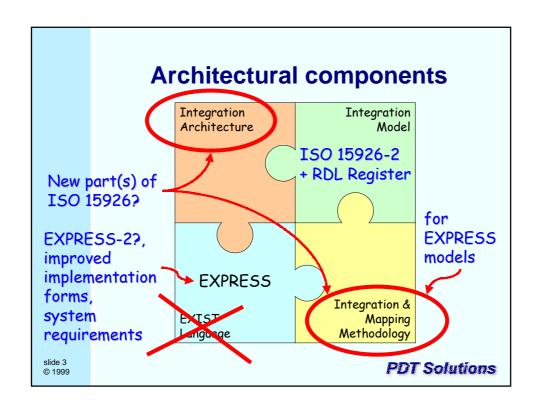

Dependency of the architecture on EXIST

○ Would add 1-2 years to the development period

○ Much more difficult to get consensus within SC4
  ⇨ steep learning curve
  ⇨ "Not EXPRESS"

○ Few resources available to do the work
  ⇨ R&D funding required, not standardization support
  ⇨ Some of us remember the SUMM, STEP Framework, ...

○ Fails to support short-term need to be able to interoperate/integrate across existing SC4 standards
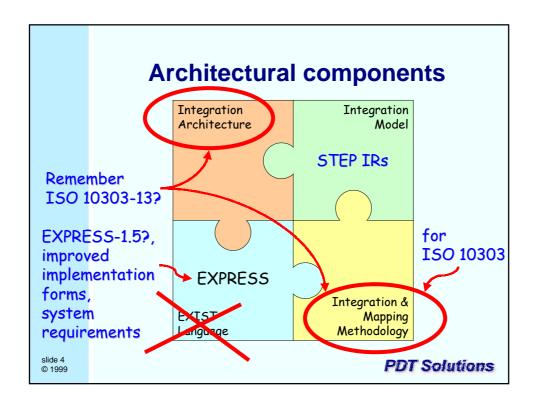
slide 2
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Architectural components

Integration
Architecture

Integration
Model

ISO 15926-2
+ RDL Register

New part(s) of
ISO 15926?

EXPRESS-2?,
improved
implementation
forms,
system
requirements

EXPRESS

EXIST
language

Integration &
Mapping
Methodology

for
EXPRESS
models

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Architectural components

Integration
Architecture

Integration
Model

STEP IRs

Remember
ISO 10303-13?

EXPRESS-1.5?,
improved
implementation
forms,
system
requirements

EXPRESS

EXIST
language

Integration &
Mapping
Methodology

for
ISO 10303

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